

Title (en)  
Image scanning system.

Title (de)  
Bildabtastsystem.

Title (fr)  
Système d'analyse d'images.

Publication  
**EP 0094046 A2 19831116 (EN)**

Application  
**EP 83104441 A 19830505**

Priority  
JP 7963582 A 19820512

Abstract (en)  
[origin: US4530590A] An image scanning system includes a sub-scanning drum adapted to be rotated both in the regular direction to feed a recording sheet material in the sub-scanning direction which is perpendicular to the rotational axis of the drum and in the reverse direction opposite to the sub-scanning direction, and a main scanning system for scanning a light beam across the recording sheet material in the direction of the rotational axis of the drum. The system further includes a pair of nip rolls removably disposed on the drum, a stopper removably disposed downstream of the drum and the nip rolls, and a sheet discharger. The recording sheet material is fed toward the stopper with the drum being stopped and the nip rolls being held away from the drum, and is supported thereon in the unrestrained state. Then the nip rolls are pressed against the drum sandwiching the sheet material therebetween and at the same time the stopper is retracted away from the sheet material. The sub-scanning drum is rotated in the regular direction or the reverse direction, if desired, to control the blank space formed between the first scanning line and the leading end of the sheet material before the drum is rotated for scanning. The sheet discharger is arranged not to act on the sheet material during the scanning.

IPC 1-7  
**H04N 1/02**

IPC 8 full level  
**H04N 1/00** (2006.01); **H04N 1/04** (2006.01)

CPC (source: EP US)  
**H04N 1/0057** (2013.01 - EP US); **H04N 1/00588** (2013.01 - EP US); **H04N 1/00591** (2013.01 - EP US); **H04N 1/00602** (2013.01 - EP US); **H04N 1/00607** (2013.01 - EP US)

Cited by  
EP0734145A3; EP0481694A3; US5973793A; US6018618A

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**US 4530590 A 19850723**; CA 1216447 A 19870113; DE 3362394 D1 19860410; DE 94046 T1 19840412; EP 0094046 A2 19831116; EP 0094046 A3 19840328; EP 0094046 B1 19860305; JP H0352266 B2 19910809; JP S58196761 A 19831116

DOCDB simple family (application)  
**US 49100383 A 19830503**; CA 427629 A 19830506; DE 3362394 T 19830505; DE 83104441 T 19830505; EP 83104441 A 19830505; JP 7963582 A 19820512